

DETAILED ACTION

Status of Claims

1. This action is responsive to amendment filed on August 18, 2010, where Applicant amended the claims. Claims 21,23,24,27-29,31,34-36,39,44,46,48-50,56-58,64-66 remain pending.
2. The previous rejections are withdrawn in light of what follows below.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Paul Hunter (reg 44787) on 12/3/2010.

The claims have been amended as follows:

21. (Currently Amended) An apparatus comprising:
a first interface configured to communicate with a wide area network (WAN);
a second interface configured to communicate with a client device via a local area network (LAN); and
a server communicatively part of the LAN and comprising a storage device, wherein the server is coupled to the first interface and the second interface, wherein the server is configured to retrieve

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user specified content from a facility via the first interface, to store the user specified content, and to deliver the user specified content to the client device via the second interface; wherein the server further comprises a graphical user interface (GUI) configured to associate the user specified content with the client device and to schedule a future time when the user specified content will be automatically delivered to the associated client device via the LAN, wherein the GUI is further configured to allow scheduling a time when the user specified content is retrieved from the facility.

22. (Canceled)

23. (Canceled)

24. (Previously Presented) The apparatus of claim 21, further comprising a plurality of client devices, wherein the GUI is further configured to allow associating the user specified content with the plurality of client devices and scheduling a time when the user specified content is automatically delivered to the associated plurality of client devices via the LAN.

25.-26. (Canceled)

27. (Previously Presented) The apparatus of claim 21, wherein the LAN comprises a wireless network.

28. (Currently Amended) The apparatus of claim ~~[[23]]~~ 21, wherein the GUI is further configured to allow specifying a personal preference for the user specified content to be retrieved from the facility.

29. (Currently Amended) A method comprising:

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downloading user specified content to a server from a facility via a wide area network (WAN);
delivering the user specified content from the server to a client specified device via a local area network (LAN), wherein the server is communicatively part of the LAN, wherein the user specified content is delivered from the server to the client specified device according to a first schedule specified to the server by the user, and wherein the first schedule includes a future time at which the user specified content is to be delivered to the client specified device, and wherein the server is configured to allow scheduling a time when the user specified content is retrieved from the facility; and
automating the downloading and the delivering of the user specified content.

30. (Canceled)

31. (Previously Presented) The method of claim 29, further comprising downloading the user specified content according to a second schedule specified to the server by the user, wherein the first schedule and the second schedule are different.

32.-33. (Canceled)

34. (Previously Presented) The method of claim 29, further comprising downloading the user specified content based on a personal preference specified by the user.

35. (Currently Amended) A tangible non-transitory computer-readable medium having stored thereon, computer-executable instructions that, if executed by a computing device, cause the computing device to perform a method comprising:
downloading user specified content to a server from a facility via a wide area network (WAN);

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delivering the user specified content from the server to a client specified device via a local area network (LAN), wherein the server is communicatively part of the LAN, wherein the user specified content is delivered from the server to the client specified device according to a first schedule specified to the server by the user, [[and]] wherein the first schedule includes a future time at which the user specified content is to be delivered to the client specified device, and wherein the server is configured to allow scheduling a time when the user specified content is retrieved from the facility; and automating the downloading and the delivering of the user specified content.

36. (Previously Presented) The tangible computer-readable medium of claim 35, wherein the method further comprises downloading the user specified content according to a second schedule specified to the server by the user, wherein the first schedule and the second schedule are different.

37.-38. (Canceled)

39. (Previously Presented) The tangible computer-readable medium of claim 35, wherein the method further comprises downloading the user specified content based on a personal preference specified by the user.

40.-43. (Canceled)

44. (Currently Amended) A method for presenting content, the method comprising: receiving an instruction for selecting a content to be downloaded from a wide area network (WAN) to a local system in response to an input received via a content selection interface of the local system;

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downloading the content from the WAN to the local system based on an availability of the content; and

automatically delivering the content from the local system to a client device via a local area network (LAN), wherein the local system is communicatively part of the LAN, at a user specified time using a scheduling interface of the local system, wherein the scheduling interface is configured to receive a user specified schedule of one or more future times at which the content is to be delivered to the client device, wherein the scheduling interface is further configured to allow scheduling a time when the user specified content is retrieved via the WAN.

45. (Canceled)

46. (Currently Amended) An apparatus for viewing content, the apparatus comprising: a first data processing system configured to communicate with a facility via a wide area network (WAN), wherein the first data processing system comprises a first interface configured to allow selecting a content stored at the facility, and a scheduling mechanism configured to allow scheduling a time of a future transaction for acquiring the selected content from the facility and configured to allow scheduling a time when the user specified content is retrieved from the facility; and

a second data processing system configured to communicate with the first data processing system via a local area network (LAN), wherein the second data processing system is communicatively part of the LAN, and wherein the second data processing system comprises a second interface configured to schedule an automatic time to deliver the content from the first data processing system to a client device via the LAN.

47. (Canceled)

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48. (Currently Amended) An apparatus comprising:

a computing device configured to communicate with a wide area network (WAN) and configured to communicate with a client device via a local area network (LAN), wherein the computing device is communicatively part of the LAN;

a first user interface executable at the computing device, wherein the first user interface is configured to allow a user to select a content to be downloaded from a facility via the WAN;
a storage device operatively coupled to the computing device, wherein the storage device is configured to store the content; and

a second user interface executable at the client device and configured to select a plurality of client devices to deliver the content and scheduling an automatic delivery of the content at a user-selected future time from the computing device to the plurality of client devices via the LAN, wherein the second user interface is further configured to allow scheduling a time when the user specified content is retrieved from the facility.

49. (Previously Presented) The apparatus of claim 48, wherein the content is downloaded from the facility periodically.

50. (Previously Presented) The apparatus of claim 49, wherein periodically downloading the content is performed based on content availability information.

51.-55. (Canceled)

56. (Currently Amended) A tangible computer-readable medium having stored thereon, computer-executable instructions that, if executed by a computing device, cause the computing device to perform a method comprising:

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downloading to the computing device a content from a facility via a wide area network (WAN) at a first time, wherein the computing device comprises a storage device;

storing the content in the storage device;

presenting a user interface configured to allow selecting a plurality of client devices communicatively coupled to the computing device via a local area network (LAN), wherein the computing device is communicatively part of the LAN, wherein the plurality of client devices are selected to receive a delivery of the content, wherein the user interface is further configured to allow scheduling of a future time to deliver the content to the plurality of client devices, wherein the user interface is further configured to allow scheduling a time when the user specified content is retrieved from the facility; and

automatically activating the delivery of the content from the computing device to the plurality of client devices via the LAN at a second time that is different than the first time.

57. (Previously Presented) The tangible computer-readable medium of claim 56, wherein the method further comprises downloading the content from the facility periodically.

58. (Previously Presented) The tangible computer-readable medium of claim 57, wherein periodically downloading the content is based on content availability information.

59.-63. (Canceled)

64. (Currently Amended) A method comprising:

downloading user specified content to a server from a facility via a wide area network (WAN);

delivering the user specified content from the server to a plurality of client devices via a local area network (LAN) according to an association between the plurality of client devices and the

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user specified content, wherein the server is communicatively part of the LAN, wherein the association between the plurality of client devices and the user specified content is established through a graphical user interface (GUI) of the server, and wherein the association includes a plurality of scheduled times at which the user specified content is to be delivered to the plurality of client devices, wherein the GUI is further configured to allow scheduling a time when the user specified content is retrieved from the facility; and automating the downloading and the delivering of the user specified content.

65. (Previously Presented) The method of claim 64, wherein delivering the user specified content to the plurality of client devices is based on a schedule established through the GUI.

66. (Currently Amended) A system for providing content, the system comprising: a first data processing system configured to communicate with a facility over a wide area network (WAN), wherein the first data processing system comprises a first interface configured to enable selecting a content stored at the facility, and a scheduling mechanism configured to enable scheduling a transaction for acquiring the selected content from the facility; and a second data processing system configured to communicate with the first data processing system via a local area network (LAN), wherein the second data processing system is communicatively part of the LAN, wherein the second data processing system comprises a second interface configured to schedule a plurality of future times at which to automatically deliver the content from the first data processing system to a client device via the LAN, wherein the second interface is further configured to allow scheduling a time when the user specified content is retrieved from the facility.

Allowable Subject Matter

1. Claims 21,23,24,27-29,31,34-36,39,44,46,48-50,56-58,64-66 are thus allowed.
2. The following is an examiner's statement of reasons for allowance: Applicants invention of employing a pseudo-correspondent node that processes data traffic that is communicated between a correspondent node and a mobile node, is found to be patentable. Prior art references found to be pertinent to Applicants disclosure (see attached Form 892), either only teach minor aspects of the invention or only teach the general environment of the invention. The collective prior art, either singly or in combination, do not teach the claim limitations.

The primary reason for allowance is the novelty of a device interfaced to a WAN to communicate with a facility to retrieve and store content. The device is also interfaced within a LAN to communicate with a client on the LAN. The device is configured to retrieve user specified content from the facility via the first interface, to store the user specified content, and to deliver the user specified content to the client device via the LAN. The device further comprises a graphical user interface configured to associate the user specified content with the client and to schedule a future time when the user specified content will be automatically delivered to the associated client via the LAN, wherein the GUI is further configured to allow scheduling a time when the user specified content is retrieved from the facility.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to RAMY M. OSMAN whose telephone number is (571)272-4008. The examiner can normally be reached on M-F 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Ramy M Osman/
Primary Examiner, Art Unit 2457

December 4, 2010